

1916

Yellowstone Park

California

Bread 1.0
Flour 4.0
Gasoline 1.50
" 2.07
3 meals 1.50
"

Vernon Bailey
U.S. Biological Survey
1834 Kalorama Road
Washington D.C.

1916

Washington Feb. 22, 1916

Left, Pa. 800 11:45 a.m.
a little snow in mts.

Feb. 23. Detroit 7:45 a.m.

Flint, a little snow
Coyote - I killed about 1905
Badger, killed 1915.
(old farmer who has lived
near Flint 65 years)

Only a trace of snow
South of Flint + scarcely
a trace at Detroit.

A light snow, probably
2 inches, at Saginaw.

Bayard's Franklin Hotel

Feb. 24. Saginaw

Conservation meeting
Dogood in wing

Feb. 25. Saginaw

Conservation meeting.

Elk + other game.

Aukley in wing.

Feb. 25
Left Saginaw on
Michigan Central for
Chicago at 10:10 P.M.

Feb. 26 - Chicago 9 AM.
Left Chicago C.W. & St.
At 10:15 AM.
Minneapolis 11:30 P.M.

Feb. 26 - to Elk River

Feb. 27 - back to Minneapolis
got supplies & saw
Dr. Robert Wilson
Left Minneapolis 11 P.M.
Snow 1 foot deep.
Cold but pleasant

Feb. 29, N.P. train
Fargo at daylight.
only patches of snow
Cold, 18 below 0.
Jamestown, not much snow

Minot - 1:30 P.M.
3 inches of snow
Medora, less snow,
only cold slope patches
& what little less patches
today.
Sentinel Butte.
very little snow.

Glenlivet - dark

March 1 To Livingston, 4 am.
only a little fresh snow.
2 below 0.

Saw Shaw - supervisor
Made shoes & got supplies.

March 2 To Gardiner
400 elk scattered in Cedar Cr.
only light fresh snow in valley.
at Livingston, No snow
above 8,000 ft or at
Gardiner. Valley all bare
cold game mostly gone
back to the hills
Went up to Ft. Yellowstone
in PM & saw Lindley
& Capt. Arnold &
Lt. Patterson.

Saw about 100 elk,
84 mule deer, 10 whitetail,
11 sheep & 25 antelope.

March 3, Drove up
canyon of Gardner River.
Cold & windy & dark.

Photographed a few sheep
& much deer & white
tail & antelope.

March 4 Left Gardiner
8:30 AM. for Ft. Yellowstone
by wagon & then by
sleigh to Blacktail Cabin.
Elk, about 1000
White deer, a few
White tail 3
Sheep 1

McLarens 2 in fives
Golden eye 15
Redtail Hawk 3
Raven 1
Kingfisher 1
Clark's Crow a few
Circus about 6

March 5, Blacktail
to Tower Falls Station.
Blowing & snow flying.

One weasel track
Coyote 2
Jack Rabbit 1

March 6
To Buffalo Ranch
Snow blowing a blizzard
Barren Goldmeyes in
Yellowstone 62
Beaver signs

March 7 - Buffalo Ranch
to Miller Cabin.
Snowing - P.M.

Baer's Goldmuss 4
Circus 2

Bonassae tracks
Sciurus tracks
Putorius " "
Ipus lairdi " "

March 8 Returns to

Buffalo Ranch

Planus gambeli 4

Sitta nelsoni 1

Dryobates 1

Aquila chrysaetos 1

Corvus sinuatus 2

Accipiter 2

Euphagus 1 (nest. Found)

Elk

Sheep 17

Buffalo

March 9 over Specimen Ridge

to Two Lakes Sta.

Warm wind & snow, Thawing

Elk

Sheep 36 Ewes & young
8 old rams

2 at Bridge, ♀ & ♪.

Coyote 1, tracks in.

Lepus Canadensis tracks

Beaver "

Barrows golden eye

Ravens

Clarks lark

Mallards 3

Accipiter 2

Otocoris, com. heard edge

immature rump from body
pink wings & emp. only white
head with black face.

March 10 Twin Falls
Raven 1
Magpie head, 1 arm
Sitta "
Picus gambeli 1
Perisoreus 1
Junco tephrcote 50
Bonasa 1
Pinieda, 3 at cabin

5.37

Wolver tracks 6
Badger tracks 1

March 11 - Blackfoot Co.
Over Mt. Events

Buteo 1

Raven, com.

Micrathraea com.

Pinicola, heard.

Otocoris " on tops

Picus gambeli a few

Dendrocopos 4 on tops

7 cougars

14 mule deer

30 sheep

31 antelopes

Sciurus, com

Lynx baileyi, few tracks

" canis lupus " "

March 12 up to Post &
return to Gardiner.

7 Whitetail deer, 1 buck & 6 does.
About 20 mule deer

Barnard Goldeneye, com.

Kingfisher 1

Circus com in pairs.

March 13 Gardiner

Elk 105

Antelope 54, 30, 10, 6

Sturnella 1 heard

Euphagus 2

March 14 - Gardiner

& below -

Elk, 6, ~~6~~ 15, 3, 15,
2 dead.

Antelope, 6 + 3 below park.

Sialia currucoides 3

Ravens 18

March 15 Gardiner to
Livingston - 11:10
" to Bozeman 12 P.M.

Cynomys out

March 16, Bozeman
Valley all bare, warm

March 17 - to Solisville
rep West Gallatin.
Warm. Farmers plowing

Strurnella -

Sialia arctica -

Melospiza -

Cinclus

Parus

Robin 1 war Solisville.

Citellus richardsoni, Com

said to be a dozen etc

14 mi. above Morris on Madison

Squaw Creek Ranch, S. Wash.

To Pete Karst for night-

March 18. Cold Springs
Snow 2 feet deep - places
Warm slopes bare.

River open

Cinclus, com-pairs

Cyanocitta, a few.

Melospiza, singing

Parus -

Sialia currucoides 3.

To hotels in Town Basin

Up Porcupine in P.M.

241 etc.

Beaverdam & base below
Wichitas

Sialia -

Cinclus

March 19 Lysters &
Wilson's in AM.
hp Buffalobone in PM.
8 elk on Buffalo bone
5 on Elkhorn.

Coyote, a few tracks
Odocoileus hemionus, track
Sciurus, com. *constrictus*
Urocyon *bairdi*
Peromyscus

Cinclus, singing
Trochosticte 200
Dendrocopos signs
Aquila

March 20 - Wilson
hp Taylor Falls
Corvus sinuatus 200
Neifrage a few
Otocoris co.
Parmus septentrionalis 1
" *gambeli* ,
Cinclus co. singing
Sialia a few
Bubo 1 heard
Great Gray Owl - 1, Oct.

March 21, Wilsons
to Tyts & Dally Crs.
Brook to Tyts.
16 elk

1 mink track

2 coyote tracks

1 Weasel track, Tyts

Pine Squirrels, com.

Lepus bairdi, tracks

Corvus sinuatus 3

Neocypago 2

Cinclus, singing

March 22 Tyts down
to Salisvill, 35 miles.

Beaver houses + dams
below Westfork.

Muskdeer, 5 skins at Linton's.

Mustela, tracks at slides.

Sciurus tracks com.

Ochetotona, com. in slides.

Lepus bairdi, tracks com.

Sylvilagus, in valley.

Citellus richardsoni, in valley

Thomomys abu-

Neotoma "

Stronella, in lower Basin

Melospiza " " "

Otocoris " " "

Sialia currucoides, com. all day

Cinclus in pairs, com.

Corvus sinuatus, a few.

Neocypago "

Spinus pinus 30

March 23, to Bozeman
Snow 6 in. deep, still falling.
Coyote 1

Crows com
Sialia .
Passer domesticus, com.

March 24 To Helena
3 to 4:30 P.M.
No snow at Hogan and Helena

March 25 - Helena
Sibley in Am.
Game Commission in P.M.

March 26 Helena
to Great Falls,
Sunday.
Wild geese along rivers

March 27 - Great Falls
to Cloteau, 3 P.M.
to 6 P.M.
All over, grass starting
dry farms plowing

March 28 Cloteau to
Ranger Station by auto.
Up to Natto Fork from River
in foot. 9 mi.

March 29, up Natto Fork
Pinus murrayana
Pinus flexilis
Pseudotsuga
Picea engelmanni

Abies
Aspen
Alnus
Betula glandulosa
Solix many
Erythrina canadensis
Aralia
Juniperus communis
Potentilla fruticosa
Acer glabrum
Prunus
Symphoricarpos
Berberis ripens
Artemisia frigida
- *Tridens* little patches

March 30 Down River

Pimeawyo.

" *Ulmus*

Psilototunga

Picea engelmanni

Juniperus scopulorum DW

" *procumbens*, com

" *communis* "

Populus tremuloides

" ~~betulifera~~ along R.
angustifolia on plains

Betula glandulosa in swamps

" *fontinalis* abn R.

Alnus

abn

Acer glabrum

-

Carpinus

-

Salix

-

Thlaspi ^{up to 10 ft}

Leptogynia condensata

" *argentea*

Rosa

Prunus

Symplocarpus

Aristolochia *mannii* abn

Bistorta *epuca*

Artemisia frigida

" *helvetica*

"

Potentilla *putica*

Ribes

Grosularia

March 29 & 30, Sun River
 Golden eye, on prairie
 Dendragapus tracks
 Bonasa 1
 Falco sparverius 1 on cliff
 Archibuteo ferrugineus 1
 Thraupis 1
 Otocoris abr.
 Cyanocephala 1
 Perisoreus 1
 Corvus sinuatus 1
 Turdus 1
 Passus gambelli 1
 " septentrionalis 1
 Cinclus 1
 Melospiza 1
 Robin 1
 Sialia currucoides 1
 Pica 1, 1,
 Corvus americanus, 1/2
 Chen 36

Sun River
 Corvus coroides 2000
 Odocileus hemionus a few
 " leucurus 3
 Ovis 1
 Oreamnos 1
 Sciumus 1
 Citellus idahoensis abn.
 Urotrata 1
 Peromyscus 1
 Octotoma 1
 Lepus variabilis 1
 Thomomys talpoides abr.
 Castor 1
 Felis 1
 Canis latrans 1
 Lutreola 1
 Putorius 2
 Erythizon 1
 Fiber 1
 Ursus horribilis, one killed last week

March 30 up Bear Creek
back to Hot Springs
down to Rancher Station
Back to Custer

March 31 - Custer 8:30
Great Falls, 12:30
Helena, 9:15
Livingston 2 AM.

April 1 to Gardiner 8:30 AM
Track now low on hills.

April 2 - Sunday

April 3

up side of Gardiner -
Antelope antilocapra, —

April 4 up Gardner R.

Glades, 1

Kingsfisher 4 + 10 nest holes

Wheatear —

Juncos 2

Cinclus 3 pairs

April 4 -

Elk

Antelope

Sheep

Wolverine

Wolverine 4

Entomias lateralis 7

Fiber 1 in ditch

Castor - cuttings

Wolphis tracks

Canis - coyote tracks

Wolverine ob.

April 5 -

Wolverine eating young grass

Whitetail " " "

Antelope " " "

+ grass in stomach.

Elk stomach full of grass.

April 5 up to Blacktail

April 6 over Mt. Evans to E. lake

23 elk, on SW ridge

7 " " on my ridge

22 elk on east ridge

357 " on N. end of east ridge

75 " on N. ridge near E. ridge

75 on butte E. of Turkey Pen

1 calf near E. lake.

18 antelope on N. base

8 sheep " " "

1 black bear on E. ridge

Coyote tracks in.

Canada geese 2

Mallards 5

Rever 3

Mallards com.

Grebes "

Collops bird

Planaria 2

Parus

April 17 N. of Grode Cr.

4 elk - woods

11 " marwood, 1 hour, 2 pks 3 cm

4 " on bank - 1 hour, 1 pk, 10 cm

200 " on flat meadow

177 " on flat near my ridge

230 " on point near lava Cr.

305 near Blocktail

3 dead elk calves

Wolf tracks, 2 near rocks

Coyote tracks, abu.

Beaver, many dams
on Grode Creek

April 8 Blacktail
Back to Gardiner
Up to Ft. Yellowstone

April 9 Sunday
At Gardiner

32 elk, 6 killed for
meat, the rest for teeth.
About 30 photographed,
only one of each.

One bull with
broken shoulder.

Yellowstone Park
Elk, moose
Mule deer
White tail
Antelope
Sheep
Squirrels
Entomias
Titmice
Marmota
Marten
Pika
Wolf
Coyote
Badger
Skunk
Bear

April 10 Gordons
to Livingstons.

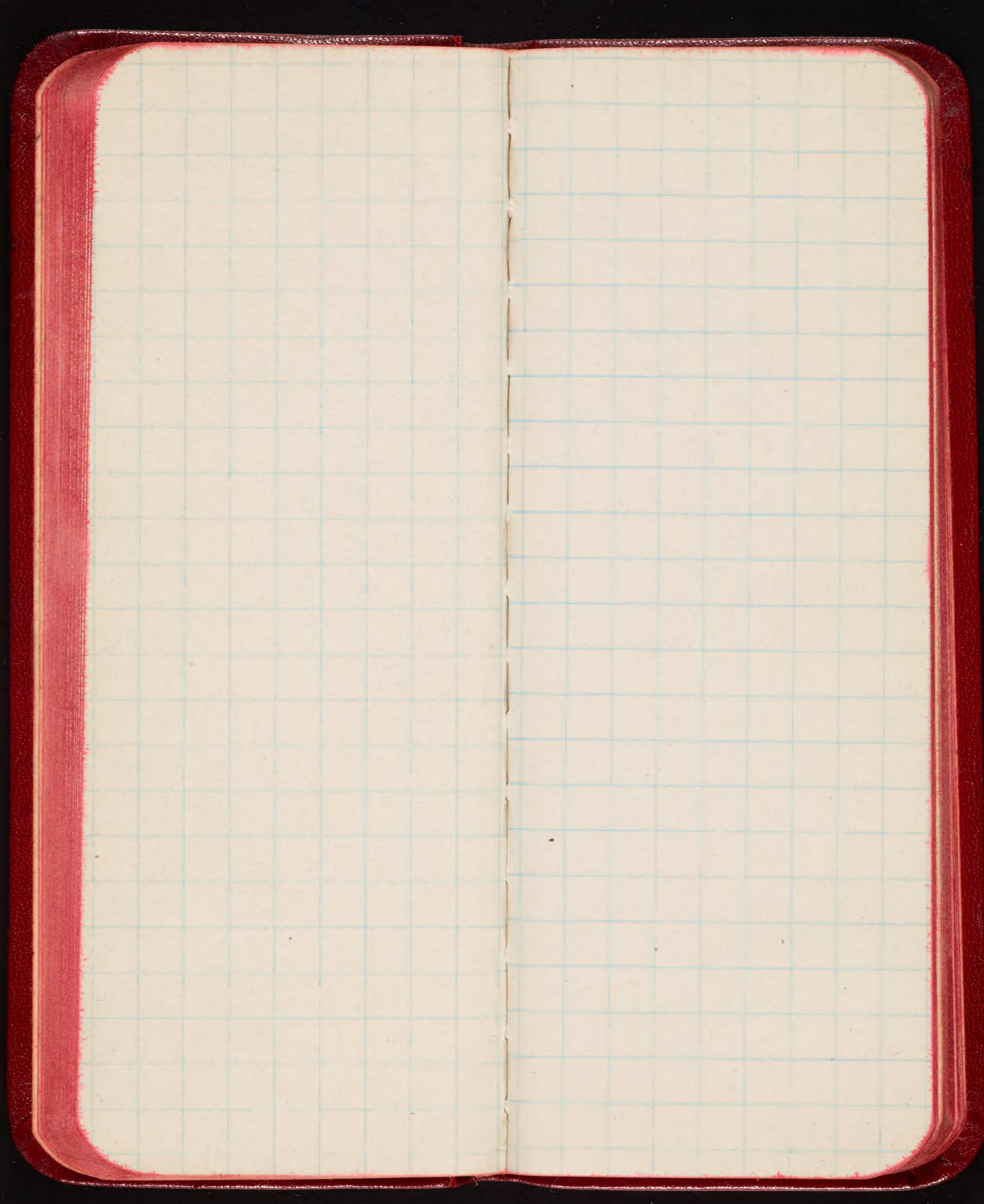
April 11 Missoula
to Corvallis
Pulsatilla patens, abn
Ramseyanus "

Agelaius " .
Starlings " "

April 12 to Missoula
Forest Service
Left Missoula 5 PM

April 13
Billings to Bismarck
not much snow
ice in lakes

April 14 St. Cloud
to Chicago,
N.P. & C. & N.W.



Sept 4. Wallows

Foxita 623 0-29.3

larch 1150

lindleyi low spruce

Pinus sabiniana

Quercus corymbosa

" lobata

Arctostaphylos uva-¹⁵⁰⁰⁻
ursa

carathes cretacea -

" Thysiflora 190-

Adenostoma 150-

Baileya dumosa "

Carex "

Geocarpus "

Heuchera "

" "

Frax. "

Lithospermum "

Actinidia dipetala "

Abutilon hirtum "

Coronaria diffusa "

Conocarpus "

Pinus attenuata 2500-
Quercus garryana " -
" *californica* " -
" *Chrysolepis* " -
" *garryana*
Pinus ponderosa 3000-
Pseudotsuga " -
Arbutus *polystachya* " -
Waterton 3200
Oriental
Rang Station 4250
Camp " -
Juniperus 4000-5500
Pinus lambertiana " - " -
Pinus ponderosa
Abies lowiana ~~concolor~~
" *eshastensis*
Summit Springs 5300
Ribes glandulosum 5100

Sept 51, Camp 4250
Top of ridge 5300
Lowest Gap 4500
Sheet Iron Mtn. 6400
Abies shastensis 5500-6400
" *Lauraea* " - "
Ceanothus cordulatus - 6400
Quercus garryana? low - " SW
Spiraea 6000 - 6400
Camp - Sheet Iron Mtn. 6300
Ribes lobbii 5500-6400

Sept. 5 Top 4450. 9:30
Entails 5600
Camp ~~area~~ 5200
Plaster ~~meadow~~ 6300

Sept. 7 Alder Camp 4250
Top of Ridge 5500

Sept. 8

Camp 6550 on ridge
Block Butte 7050 (7750)
Pinus ponderosa - 5000 SW
" *lambertiana* " 5500
Libocedrus " 5500
Pseudotsuga " 5500
Abies grandis " 5500
" *nobilis* 5000 - 5500 - top
" *shortiana* " " 5500
Lonicera conjugialis
Alnus
Salix
Ribes cassinoides
" spiny print
Erythronium grandiflorum

Plaster Meadow 4300

Government Flat 5400
Lith Peak 6400
Camp 5300

Sept. 9 to Paskenta (550)
Top of Ball Rock 6400

Ball Rock Sept. 10

| | | |
|--------------------------------|-----------|---------|
| <i>Ancisod</i> set at | 6400 | 29.35 |
| <i>Pines jeffreyi</i> | 6100 | 7500 |
| <i>Abies</i> lutea | -5700 | |
| <i>Abies strobus</i> | 6000-7200 | |
| " <i>concolor</i> | 4500-6000 | |
| " <i>notabilis</i> | 5500-6500 | 5500 SW |
| <u>Spring</u> | 6300 | |
| <i>Pinus monticola</i> | 7000- top | |
| <i>Arctostaphylos uva-ursi</i> | 2000-6000 | |
| <i>Libocedrus</i> | -1200 | 500 |
| <i>Pseudotsug</i> | - | " |
| <i>Crataegus cordulata</i> | -7000 | 500 |
| <i>Chrysothamnus</i> gray | -2000 | top |
| " <i>gum</i> | -7000 | |
| <i>Holodiscus</i> | - top | |
| <i>Erriogonum</i> 3 | - | " |
| <i>Phacelia</i> | - | " |
| <i>Ulmus</i> <i>vuqueta</i> | - | |
| <i>Gaeflytum</i> | - | " |
| Grass 2 | - | 3 |
| <i>Prunus emarginata</i> | -7000 | 500 |
| <i>Spiraea</i> <i>rosea</i> | - | top |
| <i>Carex</i> | - | " |
| <u>S. Yolla-Bolla</u> | 77500 | |
| | 8604 | |

Pinus lambertiana

| | | |
|---|------|----|
| - | 6000 | SW |
| - | 6000 | SW |

Lovet saddle

5700

Brackets Ball Rock

6400

Sept 11 -

Port. Spk. 3650

Ball Rock

Prunus emarginata
Lonicera conjugialis

Sept. 11, Bell Rock
Patkenta

700

Willows

300

Upper Sonoran 700, 3500

Prunus subimaria

Quercus douglasii

" dimorpha

" bullata

" wislizenii

"

Umbelliferae

Rhamnus torreyi

" iliaphia

Arctostaphylos canescens

" viscosa

" wrightii

Ceanothus arborescens

" zizyphi

" parryi

Garrya elliptica

Cirsocarpus fitzgeraldii

Rhus diversiloba

Amelanchier alnifolia

~~Crassula~~ dumosa
Tragium dypetaloides

Tyrax

Adonis

Eridictyon glutinosum

Zupimus pallidus

Chenopodium occidentale

Vitis californica

Zauschneria integrifolia

Calocanthus occidentalis

Heteromeles arbutifolia

Aesculus californica - 1500

Quercus lobata at Podocarpus

Bolla Bolla Mts.

| | | | |
|--------------------------------|---------------------|-------------------|-------|
| <i>Cirrus</i> | abund | <i>Mephitis</i> | com |
| <i>Adoreatus columbianus</i> | com | <i>Spilogale</i> | " |
| <i>Sciurus psos</i> | abund | <i>Scapularis</i> | abund |
| " | com. | Bats | com. |
| <i>Eutamias sonoriæ</i> | abund | | |
| " | sex | | |
| " | amoenus | abund | |
| <i>Callospizella dumetaria</i> | | | |
| <i>Neotoma fuscus</i> | honey | | |
| <i>Leucoma occidentalis</i> | com | | |
| <i>Peromyscus boylii</i> | , | | |
| <i>Thomomys</i> | abund | | |
| <i>Erythizon</i> | abund | | |
| <i>Dipodomys calif.</i> | abund, com | | |
| <i>Zenaidura m. picta</i> | abund | | |
| " | b. rarus | abund | |
| <i>Zapus calif.</i> | abund | | |
| <i>Lynx</i> | abund | | |
| <i>Urocyon</i> | abund | | |
| <i>Vulpes</i> | abund | | |
| <i>Canis</i> | abund | | |
| <i>Ursus a.</i> | abund | | |
| " | horribilis ad adult | | |
| <i>Procyon</i> | abund | | |

Sept. 18

Lagunitas

San Rafael

San Anselmo

Santa Rosa

Hopland

Camp. 12 mi. S. of Ukiah

550 feet
29:455

Santa Rosa Valley

Quercus lobata

" douglasii

" agrifolia

" wislizenii

" garryana

" californica

Arbutus

Umbellularia

Populus tremuloides

Fraxinus

Acer

Salix

Sept. 18 1918 550

Artemesia lobata

" *douglasii*
" *wislizenii*
" *garryana*
" *californica*

Umbelliferae

Acer monspessulana

Alnus orientalis

Salix 3

Pseudotsuga 112

Pinus ponderosa 1 tree

" *attenuata* 1 tree

Populus tremuloides

Ceratostoma

Asclepias

Hedysarum

Cirsocarpus betulifolia

Castilleja purpurea

" *americana*

Arctostaphylos viscida

" *maritima*

Rhus diversiloba

Cercis

Eriogonum

Adonis

Symplocarpus *Veratrum*

Vitis calif.

Laurier *intervallis*
Gambelia glauca
Fragaria

Potter Valley, same \$50 p.

Up to Liverp.

Quercus garryana

" *californica*

" *wislizenii*

" *chrysotipus*

Pinus ponderosa { 3000 ft. - 5000
2000 ft. - 4000

" *sempervirens*

Pseudotsuga

Liriodendron *cornuta*

Zelkova *carpinifolia*

Liquidambar 1

Umbelliferae

Fragaria

Acer

Alnus

Salix 3

Cirsocarpus

Cercis

-4000

-4000

"

-5000

3000

"

Sept 20 up Sanndran

| | | | |
|-----------------------------------|----------------------|-----------------------------------|---------------|
| <i>Arctostaphylos viscida</i> | -324 | <i>Ceanothus parryi</i> | top |
| " <i>variegata</i> | " | " <i>cordulatus</i> | " |
| <i>Ceanothus cordatus</i> | -350 | <i>Arctostaphylos patula</i> | " |
| " <i>parryi</i> | " | <i>Symplocarpus rotundifolius</i> | " |
| <i>Aesculus</i> | " | <i>Crassum</i> | 5000 " |
| <i>Rhamnus californica</i> | -254 | <i>Grevillea rigid</i> | 6000 |
| <i>Rhus</i> | 3520 | " <i>spicig</i> | 5500 |
| <i>Lambertia</i> | " | <i>Modjeskia</i> | interior 6000 |
| <i>Symplocarpus rotundifolius</i> | -254 | | |
| " <i>rotundifolius</i> | 2200 - top | | |
| <i>Grevillea</i> small leaves | -4000 | | |
| <i>Ribes sanguineum</i> | 2200 - top | | |
| <i>Berberis pumila</i> | -24000 | | |
| <i>Arctostaphylos</i> | " | | |
| <i>Prunus emarginata</i> | 5500 - top | | |
| " <i>denissa</i> | 5000 | | |
| <i>Pinus lambertiana</i> | 5000-5400 | | 5000 |
| <i>Abies</i> | 5000 - | | |
| <i>Quercus vaccinifolia</i> | 5500 - top | | |
| <i>Ceanothus cordulatus</i> | 5500 - " | | |
| Top of Ridge | 5350 | | |
| <i>Sanndran Peak</i> | " 6183 " 6050 (6500) | | |
| <i>Quercus vaccinifolia</i> | - top | | |
| <i>Abies</i> | - " | | |

MT. San Julian Sept. 20-21

birds & vie -

Merganser 5

Anas 1

Dendrocygna

Protonotaria

Callipepla

Aquila

Buteo swainsoni

Falco sparverius

Buteo

Megascops

Corypha

Coccyzus

Melanerpes

Psarocolius

Sphyrapicus

Colaptes

Cyanerpes

Aphelocoma

Pipilo crissalis

" rufinus

Euphagus

Strurnella

Junco

Astrogonus

Capodacus

Passerella

Sept. 23 Upper Lake
Dr. Stevens place 1600

Douglasia lobata

" *garryana*

" *cabreriana*

" *wislizenii*

Arctostaphylos manzanita

Salix

"

Upper Lake Sept. 22 -

Aldea
Phalacrocorax
Nycticorax
Tarsus calig -
Oxyechus
Actites
Callipepla
Pipilo oryzans
Baclophus, eats almonds,
Sayornis nigricans 1
Oreotrochus
Zenaidura 2
Falco sparverius
Buteo
Cathartes
Cyanocitta
Aphelocoma
Pipilo crissoides
Zonotrichia
Empidonax
Sturnula
Mugaceops
Astragalinus tridactylus
" psaltria

Sialia occidentalis
Jaeger
Tulcea
Columbus
Lanius
Melospiza
Zamelodia
Dendroica aestiva
I

| | | | |
|--------------------------------|--|-------------------|--------|
| Sept. 23, Upper Lake 1500 | | Quercus lobata | - 1700 |
| Woodville Park 1750 | | - garryana | - 3000 |
| Ranger Sta. 3100 | | - douglasii | - " |
| Elk Mt. Park 4450 | | - wislizenii | - " |
| Ceanothus jepseni - 5000 | | - monos 1 at 2500 | |
| " parryi - " | | | |
| Adenostoma - " | | Ace | |
| Quercus calif - " | | Fagaceae | |
| " chrysolepis - " | | Umbelliferae | |
| Pinus attenuata - " | | Aceraceae | |
| Pseudotsuga latifolia - " | | Populus | |
| Abies - " | | Salicaceae | |
| Pinus ponderosa 1400 - " | | Juglans | |
| " sativa 500 - 2000 | | Magnolia | |
| Aridostopppos magnifica - 3200 | | Salix | |
| " cuneata - 4450 | | Cercis | |
| Ceanothus cuneatus - 3000 | | Cruciferae | |
| Quercus dumosa - " | | Ceibas | |
| Rhamnus ilicifolia - " | | Cornus glabra | |
| " calif. 1500 - " | | Dipterocarpaceae | |
| Eriodictyon 1500 - " | | Rosa calif. | |
| Diphylleia glauca 1800 - " | | Prunus - plu | |
| Rhus diversifolia - " | | Nicotiana | |
| " trilobata 1500 - 1800 | | Montezumia | |
| | | Zizyphus | |

| Expt. 78 | Left Cart | 200 |
|-------------------------------|--------------|--|
| <i>Elkerville</i> | 1520 | <i>Pinus strobus</i> 4600 |
| <i>Pinus submucronata</i> | 1500-3000 | <i>Diplies</i> " |
| <i>Quercus lobata</i> | " " | <i>Chrysolepis</i> 2500-3000 |
| " <i>douglasii</i> | " " | <i>Pentstemon hispida</i> 2600-" |
| " <i>viscidissima</i> | 200-4500 | " purple - " |
| " <i>calif.</i> | " - 4000 | <i>Garrya ovata</i> 200-4500 |
| <i>Circocarpus</i> | " - 4500 | " paniculata 4000-4500 |
| <i>Cercis</i> | 1500-3000 | <i>Quercus garryana</i> 2500- |
| <i>Ceanothus cuneatus</i> | - - | <i>Chrysothamnus parviflorus</i> 2500-4000 |
| <i>Adenostoma</i> | 1500-4500 | <i>Arctostaphylos canescens</i> 3500-4000 |
| <i>Eriodictyon</i> | " - | <i>Quercus chrysolepis</i> " - 4500 |
| <i>Rhus diversilobata</i> | " - 4500 | <i>Umbellularia</i> 3900-4500 |
| <i>Aesculus hippocastanum</i> | " - | <i>Cornus nuttallii</i> " |
| <i>Ptelea trifoliata</i> | 1500- " | <u>Walnut Orchard</u> 3500 |
| <i>Fraxinus dipetala</i> | 1600 | <u>Lost Coast</u> 3900 |
| <i>Styrax</i> | 1500- | <i>Barbarea dictyota</i> 3900-4000 |
| <i>Rhamnus ilicifolia</i> | " - 3000 | <i>Rubus glaucus</i> " " |
| <i>Sphaeralcea calycina</i> | 1500-2500 | <i>Pteridium</i> 3600-4400 |
| <i>Hedysarum</i> | 1000 200-300 | <i>Symplocarpus rotundifolius</i> 3000- " |
| <i>Prunus emarginata</i> | 1600-2000 | <i>Rhamnus californica</i> 3900-4500 |
| <i>Lonicera interrupta</i> | " - 4000 | <i>Ceanothus purpureus</i> " - " |
| <i>Zonotrichia</i> | | <i>Prunus emarginata</i> 4000- " |
| <i>Dicentra chrysanthemum</i> | 1000-2500 | <i>Pseudotsuga</i> 4000- " |

Mt. Konocti Sept. 24.

Chamarea

Scorpiurus vallis

Pipilo chloris

" regulus

Asticaphimus tristis

" psarothra -

Cathartes

Aphelocoma

Dugobatus small, 2-4000

Passerella

Zonotrichia

Odocoileus

Citellus douglasii

Neotoma fuscipes - 4000

Thomomys - "

Lepus columbi - "

Canis - 4500

Procyon -

Scapanus

Peak of Konocti 4500

Rosa gymnocarpa 4000 -

Wyethia latifolia 1500-4000

" " astipolita 2500 - "

Cheiranthus gray

Solidago columbi.

Lupinus

Arctostaphylos elongans 3000-4000

Sept. 24. Left Stephens' Antostrophus

Wynnes Lake 1600

Highland Springs

Up grade to Hopkins

Quercus californica.

" *Chrysolepis chrysophylla*

" *Wishbonea wishbonea*

" *Artemesia tridentata*

" *Bullata*

Pinus sabina

Populus

Alnus

Taxodium

Salix

Aesculus

Umbellularia

Rhamnus californica

" *lanceolata*

Rhus

"

Callicanthus

Cirsium

Acacia

Comandra

Antostrophus

Quercus

Artemesia

Lavandula

Thymus

Ceanothus paniculatus

" *Canescens*

Arbutus

Adonis

Erythronium

Sedum

Psathyrotes divaricata

Cypripedium

Pinus attenuata

Arctostaphylos stan-

" *gibbsiae*

Zizothemis

Carex

Rosa

Summit 2400

Dow's Grub

Archostethus viscidus?

S. Phallotis calycina

Pseudodistoma

Over

Wrightellina

Arbutus

Juniper

Rosa gym

Holodiscus

Corylus

Amelanchier *garnyi*

" *Myrsinopsis*

" *wisleyana*

"

"

Hopland Zoo

Sept. 27

Lagunitas

Sept. 28 - 29, Lagunitas

Sept. 30

To Berkeley & left 7 PM.

Oct. 1 To Hazen -

Fallon, on boat

Oct. 2 & 3 on boat.

Oct. 3 To Hazen & left

Hazen 10:45 PM.



Elkin Northern Herd

March, 1916.

| | |
|---------------------|------|
| In Park | 9389 |
| Gardiner below Park | 1054 |
| Gallatin valley | 1000 |
| Madison " | 65 |

Starhouse herd

Sun River Herd 2000

Anaconda herd 1000?

Salway herd 1000

March, 1916.

Buffalo in Parks

| | |
|--------------------|-----|
| Tame herd | 230 |
| Wild herd | 29 |
| .. - (on Lower R.) | 30? |

Sheep

| | |
|---------------------|----|
| Mt. Evans (MS. Bid) | 46 |
| Spicer's Ridge | 44 |
| Mt. Morris | 17 |
| Electric Peak | |
| Hellroaring | |
| Mt. Washburn | |

9821, *Notocitellus* ♀, Laramie R.
Buffalo Ranch.
9822, Martin skull, Laramie R.
9823, Vulpes skull, ♀ " "
9824, *Peromyscus* skull ♂ " "

9830, *Dipodomys*, Alder sp.
213 + 191 + 44 ♂, Sept. 4.
9831, *Estomus* ♂, Shoshone Mts
6000 feet. Sept. 5.
232 - 102 x 35
9832, *Grimus* cabin, 4500 feet.
Sept. 5.
255 - 120, 38, ♂

9886. *Sorex ventricosus*
La Quintas,

9887. *P. boylii* ♀. Quarts. Sept. 23
220 x 111 x

9888, ♂ sp. cat. 315 x 190 x 46

9889. *Scapanus*
186, 36, 22

Alder sp. sp. Map
Corbin Cr.
Hell Mtn.
Bald " "
Worm Cr.
Ell River - 3 units
Bar Cr.
Beaver Cr.
Balm & Gibid Cr.
Gridstones

Elk on Big River
30 miles above Java
About 50 head seen this
in May & June 1915
by Dan Stevenson.
Also seen them fall before
& stay there all the year.
They are perfectly able to
take care of themselves
all the year around.

Also a few moose
& quite a lot of whitetail.

Good Elk licks on
Cox & Colbeck crab.

9882

Mrs. Thomas Hill
3915, Spruce St.
Philadelphia

1916.

Dr. W. B. Stephens

Alameda, Calif.

1250 Bay St.

F. E. Nichols, Fallon, Nev.

Mr. McCullup, principal

" McCracken, enpt.

" Connor teacher

" Brigham "

Mrs. Geistis "

" Hook "

" Johnson "

" Barber "

Mrs. ~~Millie~~ - sister

Mrs. Harriet Charles
Gardiner, Wash.

Wm. Rush, Gardiner

John Little, Yellowstone

Wesley D. Ewart, Carbella

Fred Enger, immigrant

Geo. Evans Kelly, boy scout
Eldridge, Mont.

A. H. Solis, Bozeman
639 W Main St.

E. P. Mathewson,
Our Lodge?

M. D. Baldwin, Kohlpell, co.
Morgan, deputy warden
De Hart, Warden.

Judge Beckford, Missoula.

Walter Johns, trapper -
Glacier Park, Mont.

Henry Mead, Gardiner
Patrol leader.

2666 1/4

48 colors

232 total

Colors from May 4 form.

100 more will come

Last time April 24

Elk striped

582 elk

1000 colors

140 in each

Shipping 2596 20

First Service Center
over Hellroaring

1339, Fairmount

D.C. 46407

Md. 66-600

Tags for 490 Chevrolt

